

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
26 January 2006 (26.01.2006)

PCT

(10) International Publication Number
WO 2006/009465 A2

(51) International Patent Classification:

A61K 45/06 (2006.01) *A61K 38/01* (2006.01)
A61K 31/685 (2006.01) *A23J 1/04* (2006.01)
A61K 31/19 (2006.01) *A23J 3/34* (2006.01)
A61K 31/10 (2006.01) *A23K 1/00* (2006.01)
A61K 31/231 (2006.01) *A23K 1/10* (2006.01)
A61K 31/232 (2006.01) *A23K 1/16* (2006.01)

(74) Agent: AS BERGEN PATENTKONTOR; Strandgt.
198, P.O. Box 1998, Nordnes, N-5817 Bergen (NO).

(21) International Application Number:

PCT/NO2005/000272

(22) International Filing Date: 19 July 2005 (19.07.2005)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

20043091 19 July 2004 (19.07.2004) NO
20043093 19 July 2004 (19.07.2004) NO
20045544 17 December 2004 (17.12.2004) NO

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(71) Applicant (for all designated States except US): THIA MEDICA AS [NO/NO]; Ibsensgt. 104, N-5052 Bergen (NO).

Published:

— without international search report and to be republished upon receipt of that report

(72) Inventor; and

(75) Inventor/Applicant (for US only): BERGE, Rolf [NO/NO]; Tjørnhaugen 50, N-5152 Bønes (NO).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: COMPOSITION COMPRISING PROTEIN MATERIAL AND COMPOUNDS COMPRISING NON-OXIDIZABLE FATTY ACID ENTITIES.

(57) Abstract: The present invention concerns a composition prepared from a combination of non β -oxidizable fatty acid entities and a protein material, and the use of said composition for the preparation of a pharmaceutical or nutritional composition for the prevention and/or treatment of insulin resistance, obesity, diabetes, fatty liver, hypercholesterolemia, dyslipidemia, atherosclerosis, coronary heart disease, thrombosis, stenosis, secondary stenosis, myocardial infarction, stroke, elevated blood pressure, endothelial dysfunction, procoagulant state, polycystic ovary syndrome, the metabolic syndrome, cancer, inflammatory disorders and proliferate skin disorders. An alternative embodiment of the invention includes oil in the composition. The present invention also concerns an animal feed prepared from a combination of a protein material and a compound comprising non β -oxidizable fatty acid analogues, the use of said feed for improving the body composition of an animal, and a product produced from said animal.

WO 2006/009465 A2